

Hydrologic Diversity

Northeast Region
Challenge

Alan C. Ellsworth

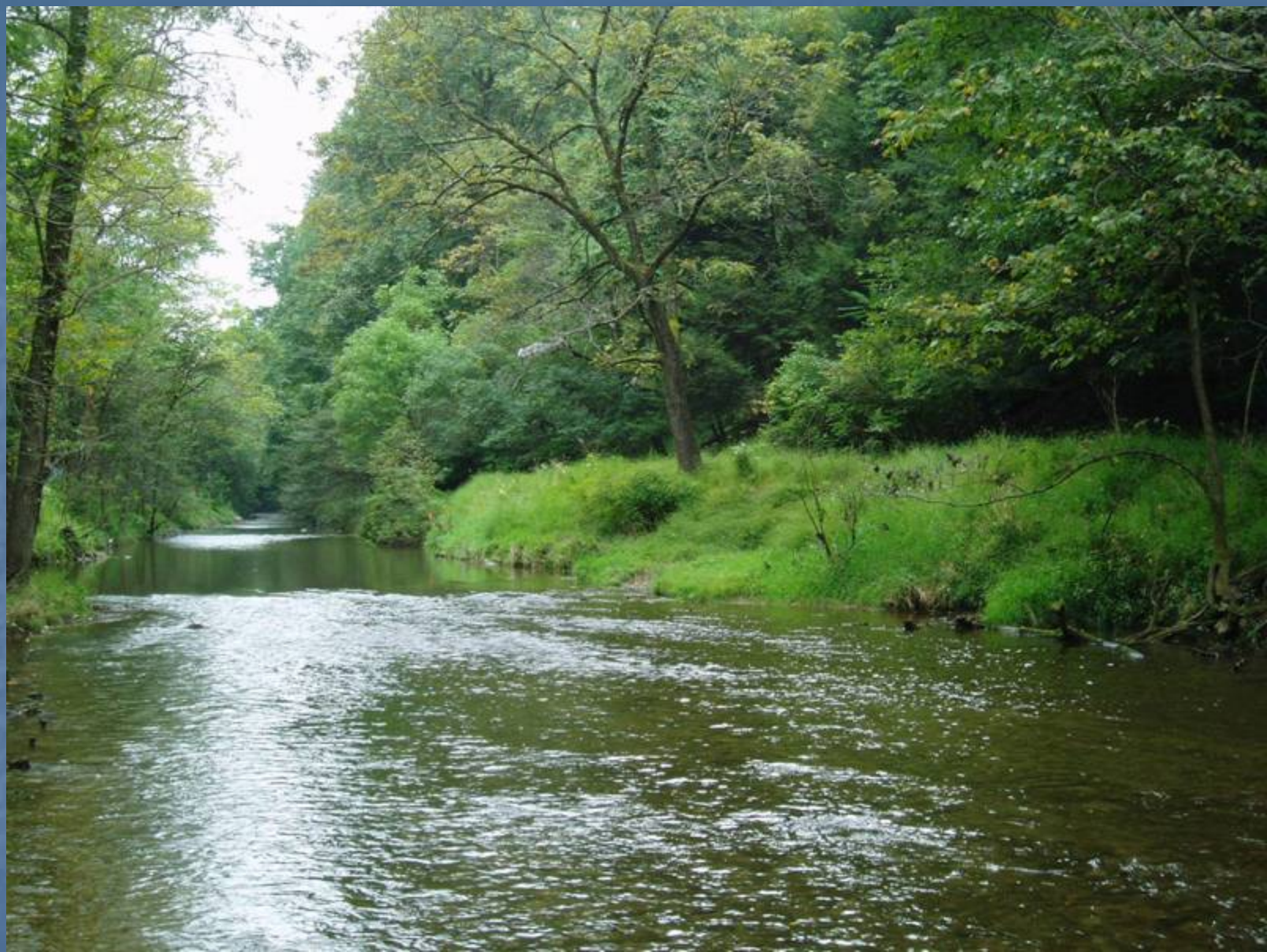
Northeast Region

National Park Units





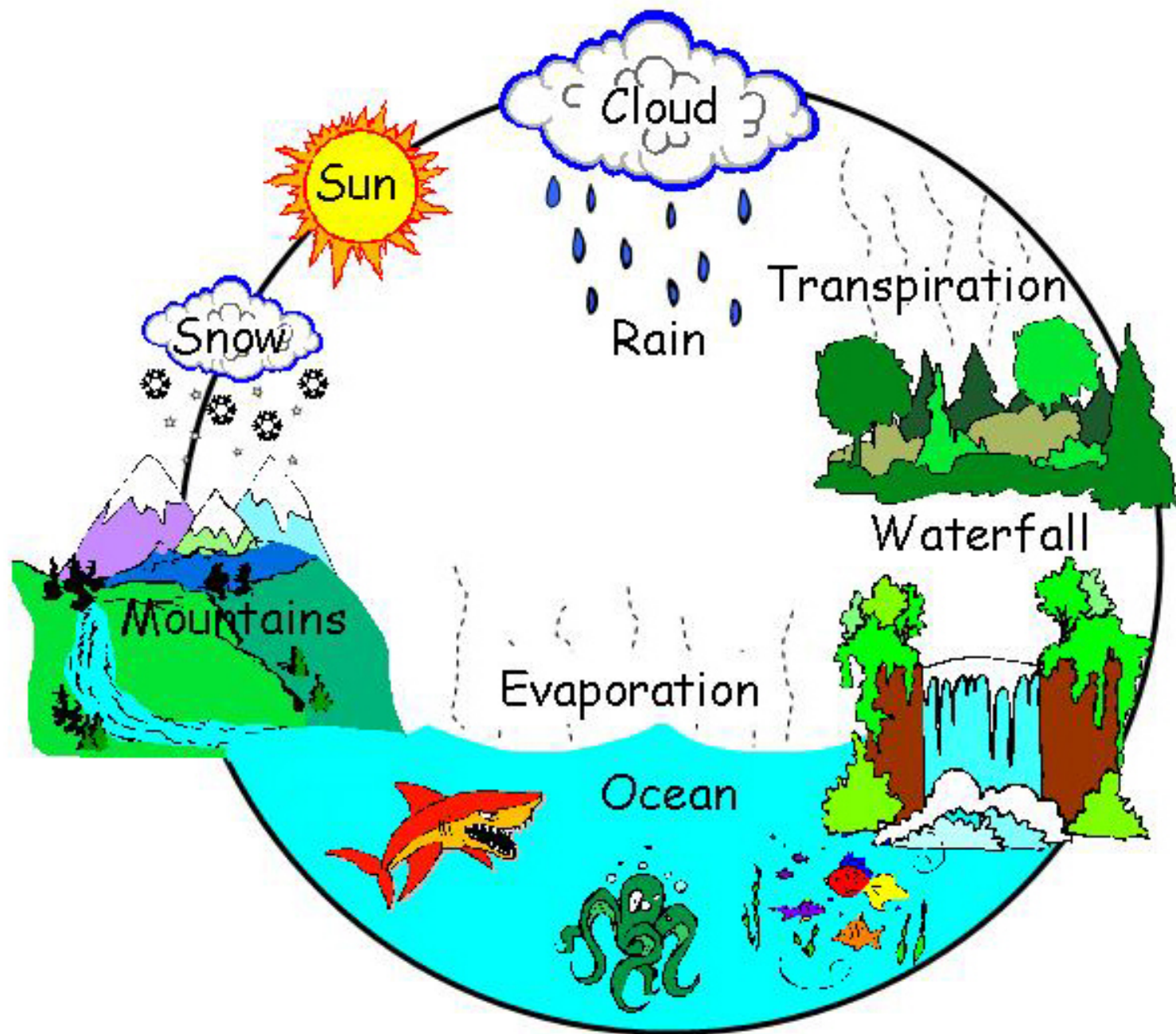




Park Assistance

- SAGA
- ALPO
- VAFO
- DEWA
- UPDE
- MABI
- RICH
- FRSP
- COLO
- SAHI
- MORR
- MIMA
- GATE
- ACAD
- SACR
- GEWA
- SHEN
- FONE
- FIIS
- NETN/ERMN
- GPRA

Hydrologist – an individual who *specializes* in the science that treats the occurrence, circulation, distribution, and properties of the waters on the earth's surface, in the soil, underlying rocks and atmosphere, and their reaction with the environment



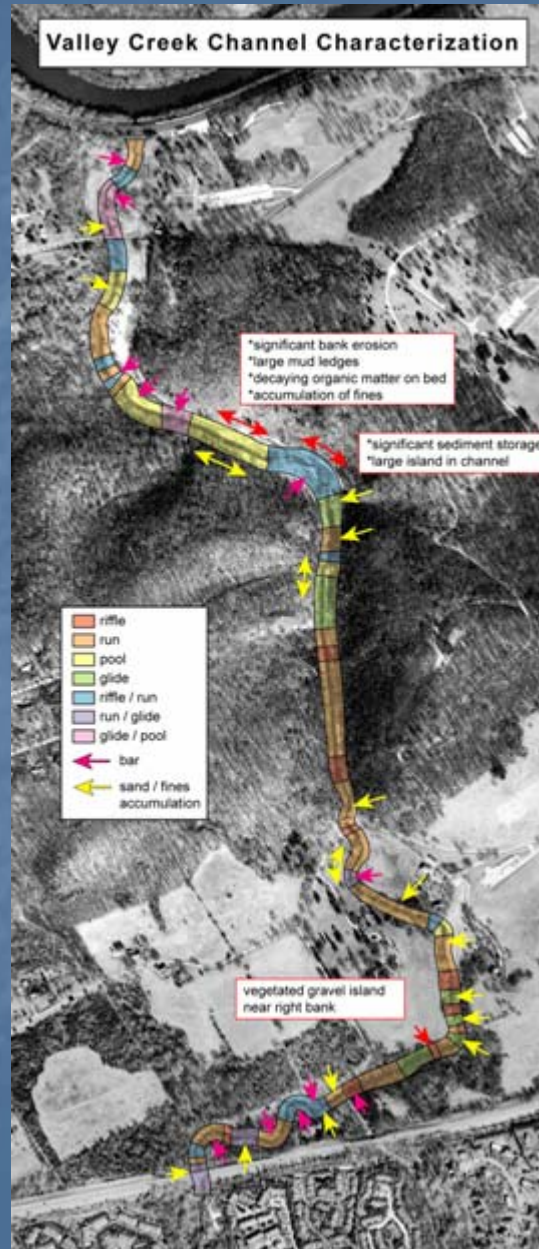
SAGA Water Scoping Report



ALPO Acid Mine Drainage



VAFO Sediment Load



Additional VAFO Projects

- PennDOT streambank stabilization
- Stream restoration

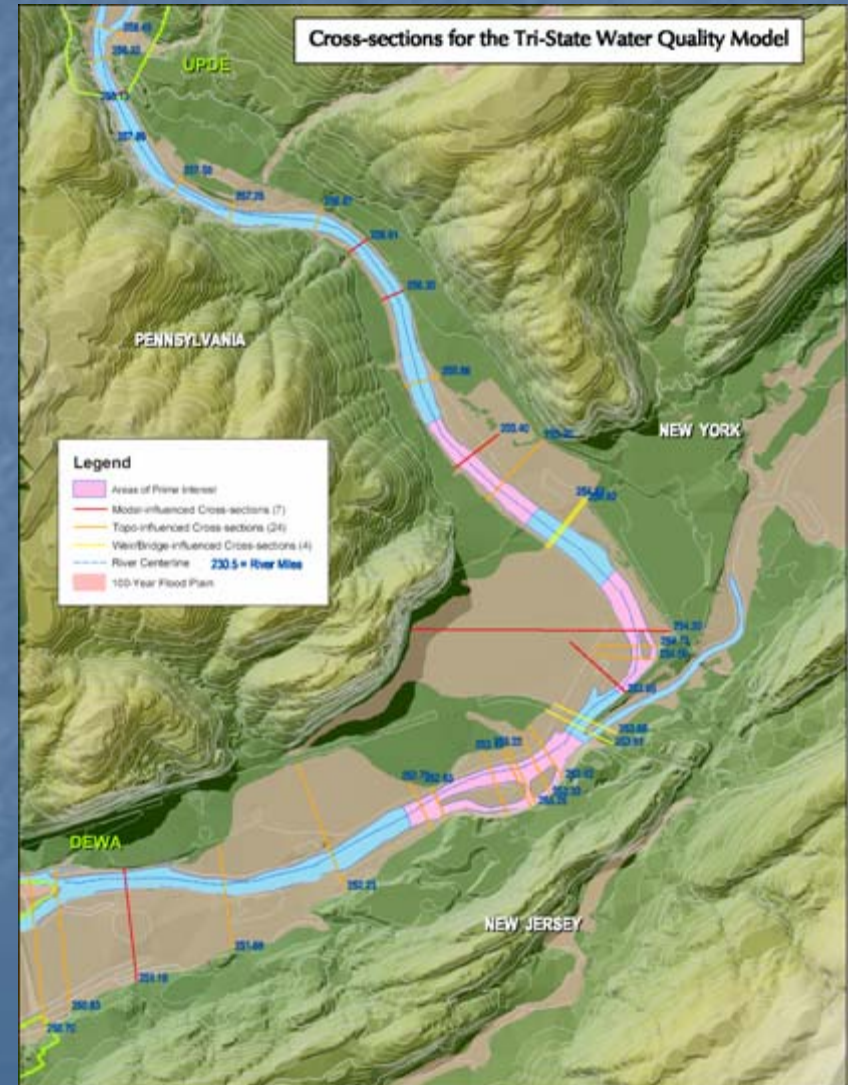


DEWA/UPDE Ecological Flows

- The Nature Conservancy
- PA, NY, NJ, DE
- NYC
- Trout Unlimited
- USFWS
- USGS – NY, PA, CO
- DE River Groups
- Institute of Natural Sciences
- University of MA
- DRBC
- NPS

Additional DEWA Projects

- Tri-state Model
- Floodplain analysis of NJ Swim Beach
- Hurricane Ivan
- Archeological Site
- Scoping Report





Data Analysis

